

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/005653

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.<sup>7</sup> B66B5/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.<sup>7</sup> B66B5/00-5/28

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2001-354372 A (Mitsubishi Electric Corp.),	1-2
Y	25 December, 2001 (25.12.01),	3-4
A	Par. Nos. [0040] to [0041], [0047] to [0049];	5-10
	Figs. 1 to 6	
	(Family: none)	
	JP 2003-104648 A (Mitsubishi Electric Corp.),	
	09 April, 2003 (09.04.03),	
Y	Par. Nos. [0027] to [0029]; Figs. 7 to 10	2
Y	Par. Nos. [0018] to [0021]	3
	& WO 03/029123 A1 & EP 1431229 A1	
	& US 2004/0200671 A1	
	JP 10-109842 A (Hitachi, Ltd.),	
	28 April, 1998 (28.04.98),	
Y	Par. Nos. [0007] to [0008]	4
	(Family: none)	

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"&amp;" document member of the same patent family

Date of the actual completion of the international search  
19 January, 2005 (19.01.05)Date of mailing of the international search report  
08 February, 2005 (08.02.05)Name and mailing address of the ISA/  
Japanese Patent Office

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 9-2756 A (Otis Elevator Co.), 07 January, 1997 (07.01.97), Par. No. [0058] & ZA 9603199 A & CA 2175432 A1 & EP 0748758 A1 & AU 5212096 A & CN 1142462 A & US 5617933 A & BR 9602115 A	5-10
A	JP 2001-122549 A (Hitachi, Ltd.), 08 May, 2001 (08.05.01), Par. No. [0025] (Family: none)	5-7, 9
A	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 123955/1981 (Laid-open No. 29754/1983) (Hitachi Metals, Ltd.), 26 February, 1983 (26.02.83), Claims (Family: none)	5
A	JP 2002-179353 A (Hitachi, Ltd.), 26 June, 2002 (26.06.02), Par. Nos. [0013] to [0019]; Fig. 1 (Family: none)	6, 9
A	JP 52-123052 A (Mitsubishi Electric Corp.), 15 October, 1977 (15.10.77), Page 2, lower left column, line 20 to lower right column, line 16; Fig. 2 (Family: none)	7